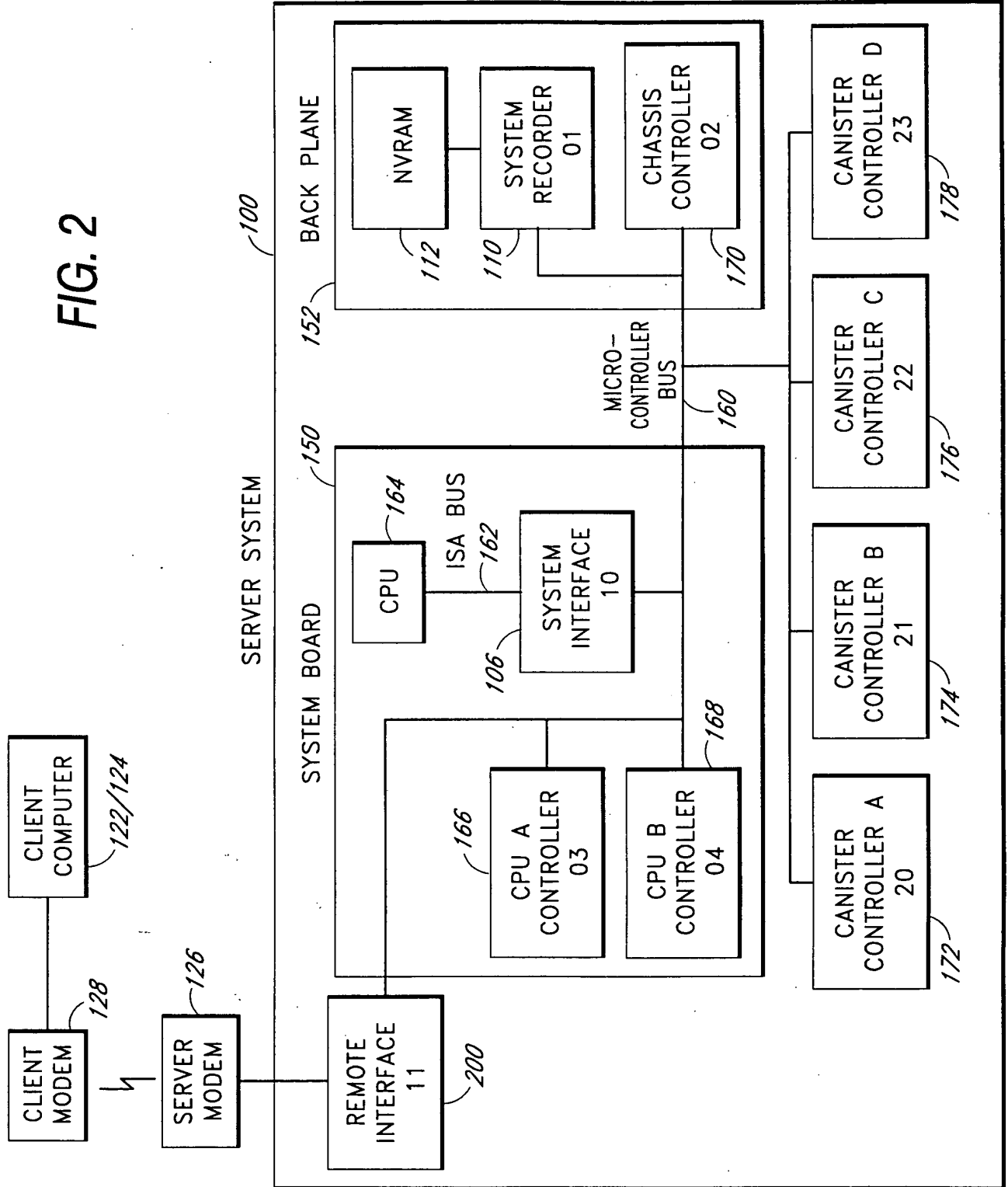


FIG. 1

FIG. 2



REMOTE INTERFACE BOARD AND CONNECTIONS

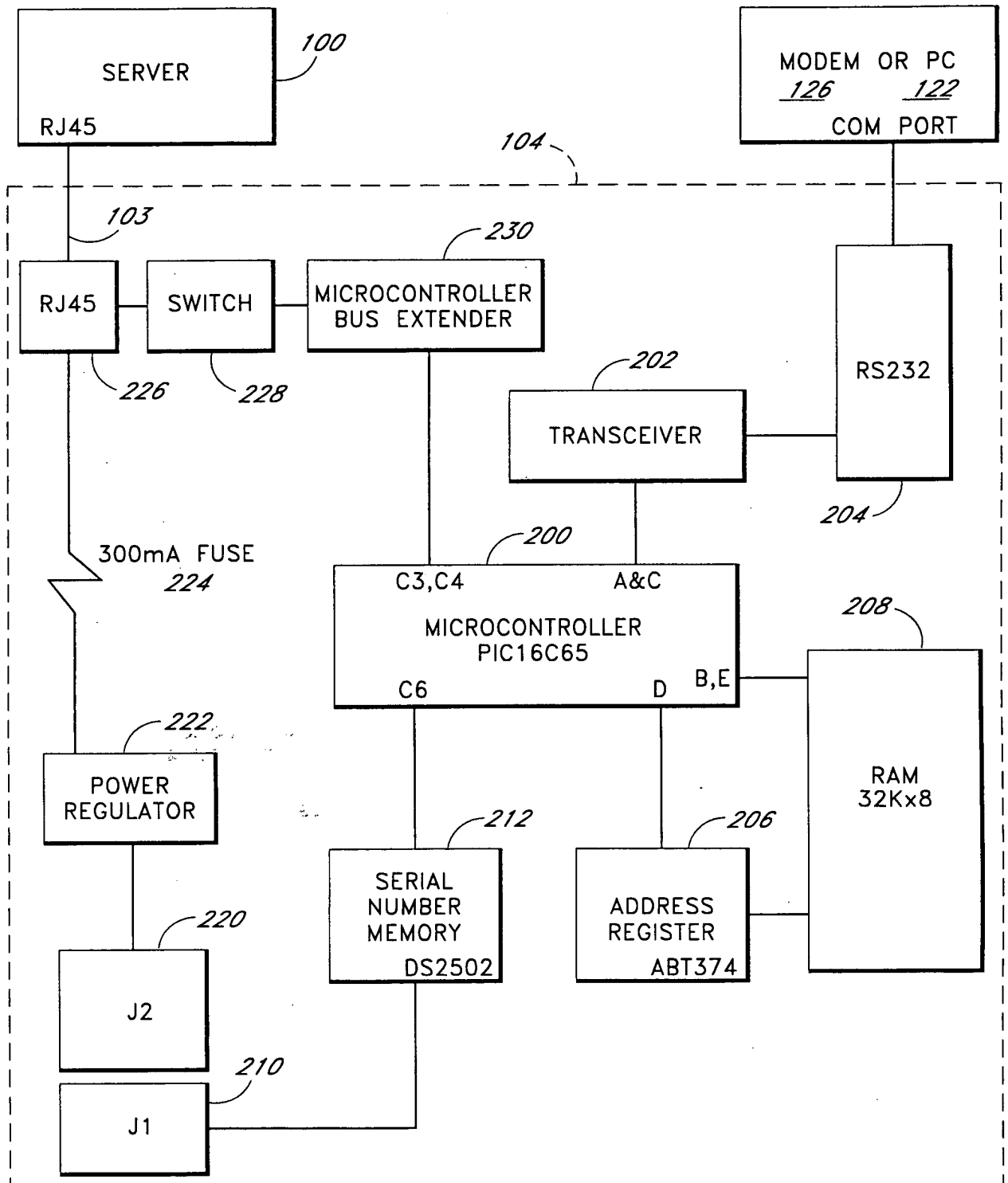


FIG. 3

Remote Interface Serial Protocol Message Formats

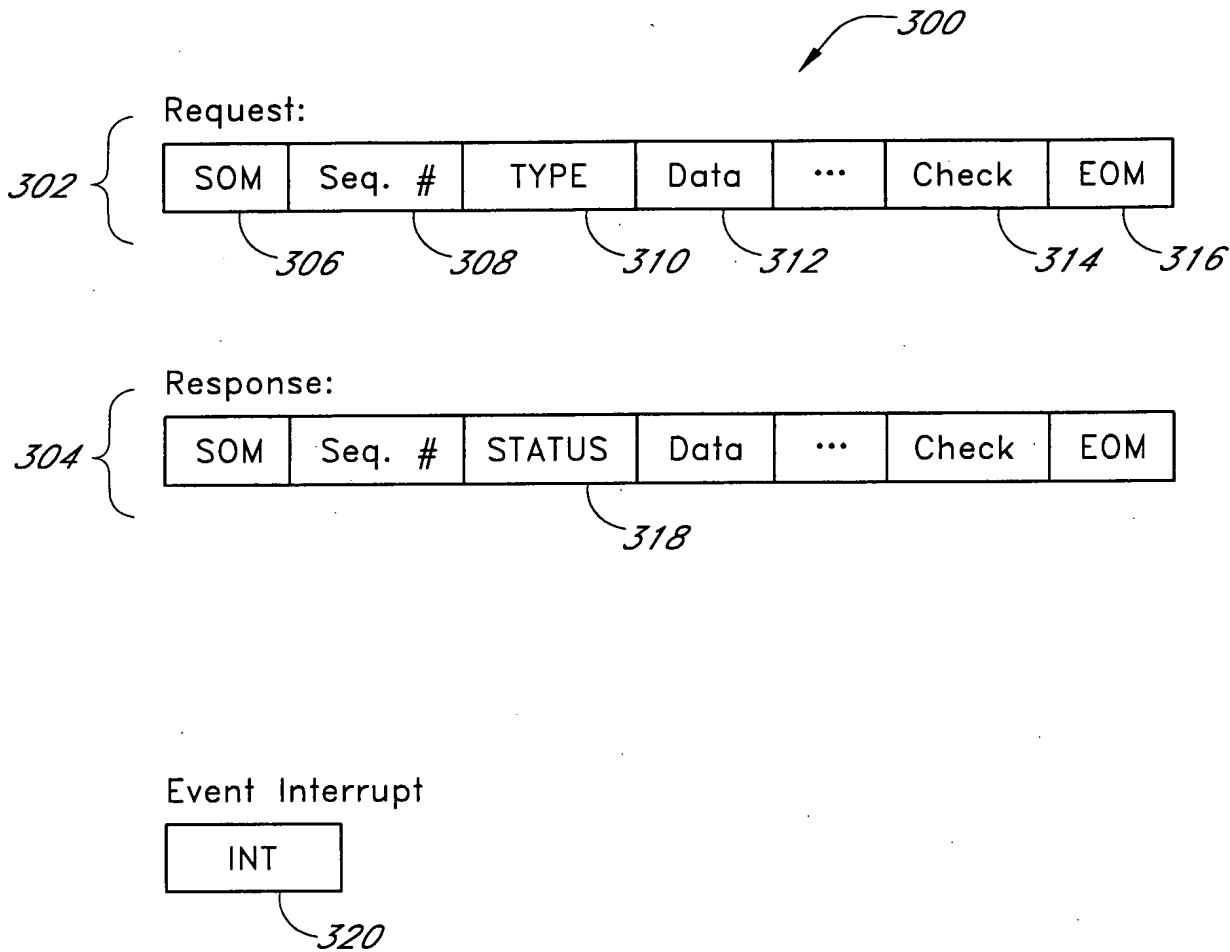
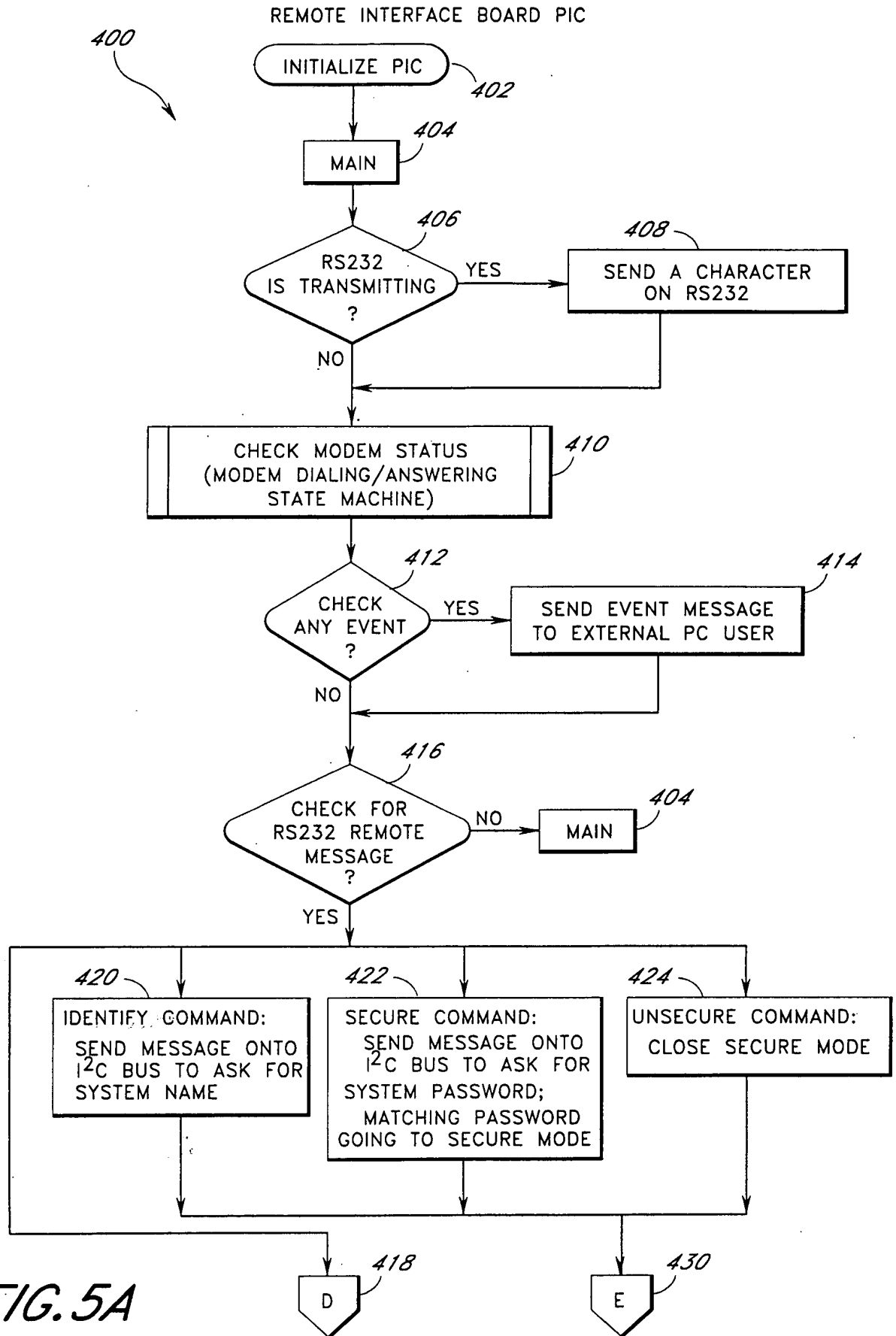


FIG. 4



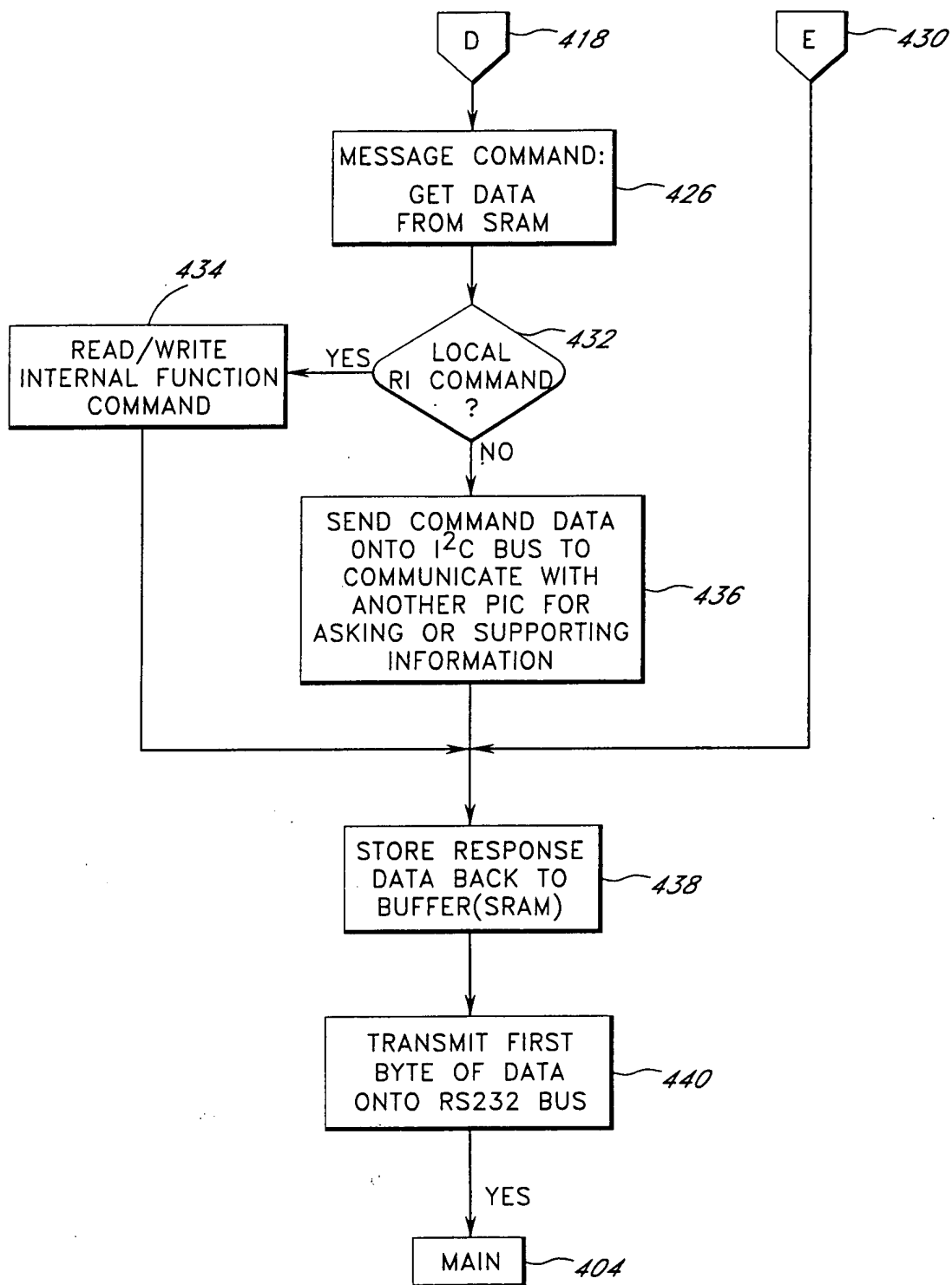
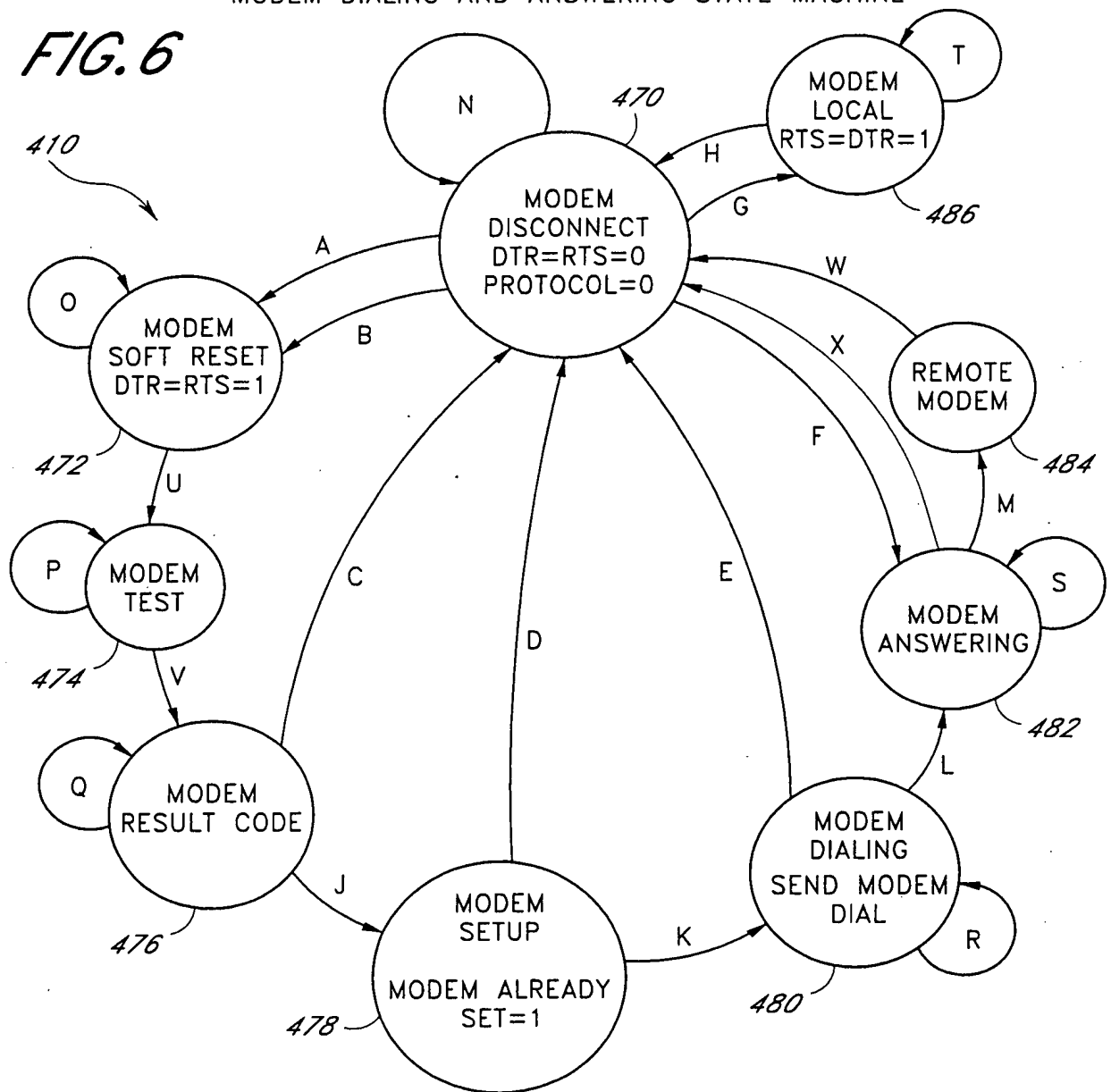


FIG. 5B

MODEM DIALING AND ANSWERING STATE MACHINE

FIG. 6



A- CALL OUT (MODEM MODE
 & MODEM ALREADY SET
 & CTS & nDIAL RETRIES)
 B- SETUP (MODEM MODE
 & !MODEM ALREADY SET & CTS)
 C- !RESULT STATUS OK
 D- !nDIAL RETRIES
 E- !DIAL OK
 F- RINGING (MODEM MODE
 & MODEM ALREADY SET
 & CTS & RING)
 G- DSR
 H- (LOCAL & MODEM MODE) V !DSR
 J- RESULT STATUS OK
 K- nDIAL RETRIES
 L- DIAL OK

M- DSR & DCD
 N- !CTS
 V !nDIAL RETRIES
 V !RING
 V !DSR
 O- !SEND STRING DONE
 P- !SEND STRING DONE
 Q- !MODEM RESULT
 STATUS DONE
 R- !PREV EOS & !2 SECONDS
 S- !DSR
 V !DCD
 T- DSR
 U- SEND STRING DONE
 V- SEND STRING DONE
 W- !DCD
 X- !DCD & TIMEOUT